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Cerebral arteries; Peripheral arteries; Vasoconstriction; Ca^{2+} influx; Nifedipine; Ca^{2+} channels (voltage-dependent) (Suzuki, Y. (219) 401)

Endothelins
Sarafotoxins; Intestinal relaxation; Ca^{2+}-activated K^+ channels (Lin, W.-W. (219) 355)

Endothelium
Blood vessels; Hyporesponsiveness; Protein synthesis; Nitric oxide (NO); Lipopolysaccharide (Nakaki, T. (219) 311)

[Leu^5]enkephalin
[Met^5]enkephalin; Neurotensin; Cholecystokinin (CCK); Substance P; 6-Hydroxydopamine (6-OHDA); L-DOPA; Parkinson's disease; (Prolonged treatment) (Taylor, M.D. (219) 183)

[Met^5]enkephalin
[Leu^5]enkephalin; Neurotensin; Cholecystokinin (CCK); Substance P; 6-Hydroxydopamine (6-OHDA); L-DOPA; Parkinson's disease; (Prolonged treatment) (Taylor, M.D. (219) 183)

Ethanol
Aspartate release; Glutamate release; Hippocampus; GABA (γ-aminobutyric acid) (Martin, D. (219) 469)

Ethanol ulcer
N-Phthaloyl γ-aminobutyric acid; Aspirin ulcer; Gastric acid secretion; Mucus secretion (Banerji, S. (219) 211)

Excitatory amino acids
Proline; Hippocampus; NMDA (N-methyl-D-aspartate) (Martin, D. (219) 59)

Excitotoxicity
1S,3R-ACPD ((1S,3R)-1-aminocyclopentane-1,3-dicarboxylic acid); Metabotropic glutamate receptors (Siliprandi, R. (219) 173)

Feeding
NAN-190; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); 5-HT_{1A} receptors; (Rat) (Williams, A.R. (219) 105)

Formalin
Nociception; Spinal cord; Bradykinin; Prostaglandins; (Rat) (Chapman, V. (219) 427)

GABA (γ-aminobutyric acid)
Hippocampus; Chlordiazepoxide; Benzodiazepine; Muscimol; Memory (working, reference) (Ohno, M. (219) 245)

Aspartate release; Glutamate release; Ethanol; Hippocampus (Martin, D. (219) 469)

$GABA_A$ receptors
Striatum; Substantia nigra; Dopamine release; Microdialysis; $GABA_B$ receptors (Santiago, M. (219) 175)

$GABA_B$ receptors
Striatum; Substantia nigra; Dopamine release; Microdialysis; $GABA_A$ receptors (Santiago, M. (219) 175)

Gastric acid secretion
N-Phthaloyl γ-aminobutyric acid; Aspirin ulcer; Ethanol ulcer; Mucus secretion (Banerji, S. (219) 211)

Gastric fundus (rat)
Non-adrenergic non-cholinergic (NANC); Nitric oxide (NO); LY 83583 (Barbier, A.J.M. (219) 331)

Global ischaemia
1-Aminocyclopropanecarboylic acid; Glycine receptors; NMDA receptors; (Gerbil) (Von Lubitz, D.K.J.E. (219) 153)

Glucose
Cold stress; 5-HT receptor subtypes; 5-HT turnover; Behavioural responses; Corticosterone (Zamfir, O. (219) 261)

L-Glutamate
Corticostriatal pathways; Dopamine; Ascorbate; Apomorphine; Scopolamine; (Rat) (Desole, M.S. (219) 67)

Glutamate release
Bifemelane; Mossy fibers; Protein kinase C; H-7 (1-(5-isoquinolinesulfonyl)-2-methylpiperazine); (Guinea-pig) (Ueda, M. (219) 271)

Aspartate release; Ethanol; Hippocampus; GABA (γ-aminobutyric acid) (Martin, D. (219) 469)

Glutamates
NMDA (N-methyl-D-aspartate); Quisqualate; Cerebellar granule cells; Tricyclic antidepressants; Carbamazepine (Cai, Z. (219) 53)

Glycine receptors
Global ischaemia; 1-Aminocyclopropanecarboylic acid; NMDA receptors; (Gerbil) (Von Lubitz, D.K.J.E. (219) 153)

cGMP
Vasorelaxation (rat aorta); Osthole; Ca^{2+} influx; (*Angelica pubescens*) (Ko, F.-N. (219) 29)

E. coli enterotoxin (heat-stable); 5-HT (5-hydroxytryptamine, serotonin); Indomethacin; Intestinal secretion; Ketanserin; Tropisetron (Beubler, E. (219) 445)

Okadaic acid; cAMP; Xanthine derivatives; Uterine smooth muscle (Candenas, M.-L. (219) 473)

Granule cells
Metabotropic glutamate receptor; ACPD (1S,3R-1-aminocyclopentane-1,3-dicarboxylic acid); Cerebellum; Purkinje cells; AP-3 ((L)-2-amino-3-phosphonopropionate) (East, S.J. (219) 395)

[^{14}C]Guanidinium uptake
Aorta (rat); Na^+ channel (silent); $^{45}Ca^{2+}$ uptake; Veratridine (Wermelskirchen, D. (219) 253)

Hand (human)
5-HT (5-hydroxytryptamine, serotonin); 5-HT receptors; Smooth muscle; Vein (Bodelsson, M. (219) 455)

Heart (rat)
Acidosis; Alkalosis; Nifedipine; Ca^{2+} channels (Achike, F.I. (219) 369)

Heart rate
Substance P; Neurokinin A; Senktide; Blood pressure; Behaviour; Tachykinin receptor antagonists (Itoi, K. (219) 435)

Heparin derivatives
Smooth muscle cells; Proliferation; Differentiation; Actin (Bârzu, T. (219) 225)

Hippocampus
Proline; NMDA (N-methyl-D-aspartate); Excitatory amino acids (Martin, D. (219) 59)

Chlordiazepoxide; Benzodiazepine; Muscimol; GABA (γ-aminobutyric acid); Memory (working, reference) (Ohno, M. (219) 245)

Memantine; Quinolinic acid; Neurodegeneration (Keilhoff, G. (219) 451)

Aspartate release; Glutamate release; Ethanol; GABA (γ-aminobutyric acid) (Martin, D. (219) 469)

Ceruletide; Cholecystokinin (CCK); Cerebral ischemia; Neuronal cell death; Amnesia; (Gerbil) (Eigyo, M. (219) 487)

H-7 (1-(5-isoquinolinesulfonyl)-2-methylpiperazine)
Bifemelane; Mossy fibers; Glutamate release; Protein kinase C; (Guinea-pig) (Ueda, M. (219) 271)

Hot-plate test
Monoamine oxidase-A inhibitors; Nociception; Tail-flick test; 5-HT (5-hydroxytryptamine, serotonin) (Bianchi, M. (219) 113)

5-HT (5-hydroxytryptamine, serotonin)
Monoamine oxidase-A inhibitors; Nociception; Tail-flick test; Hot-plate test (Bianchi, M. (219) 113)

Endothelin; Platelet aggregation; Ca^{2+} mobilization (Pietraszek, M.H. (219) 289)

5-HT_1-like receptors; 5-HT_{1D} receptor subtype; Iliac artery (guinea-pig); Smooth muscle (vascular) (Schoeffter, P. (219) 295)

cGMP; *E. coli* enterotoxin (heat-stable); Indomethacin; Intestinal secretion; Ketanserin; Tropisetron (Beubler, E. (219) 445)

Hand (human); 5-HT receptors; Smooth muscle; Vein (Bodelsson, M. (219) 455)

5-HT_1-like receptors
5-HT (5-hydroxytryptamine, serotonin); 5-HT_{1D} receptor subtype; Iliac artery (guinea-pig); Smooth muscle (vascular) (Schoeffter, P. (219) 295)

5-HT receptor antagonists
Arrhythmias, Coronary artery occlusion; Myocardial ischaemia; Reperfusion; Platelet aggregation (Ellis, A.M. (219) 97)

5-HT receptors
5-HT_3 receptors; Vagus; Tubocurarine (Newberry, N.R. (219) 135)

Hand (human); 5-HT (5-hydroxytryptamine, serotonin); Smooth muscle; Vein (Bodelsson, M. (219) 455)

5-HT_{1A} receptors
NAN-190; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Feeding; (Rat) (Williams, A.R. (219) 105)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Renal nerve activity; Medullary 5-HT neurons (Ramage, A.G. (219) 165)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Sex differences; Tolerance; Corticosterone; Hypothermia (Nakano, Y. (219) 339)

5-HT_3 receptors
NG108-15; MDL 73147EF; MDL 74156; ICS 205-930 (Boeijinga, P.H. (219) 9)

5-HT receptors; Vagus; Tubocurarine (Newberry, N.R. (219) 135)

5-HT_{1D} receptor subtype
5-HT (5-hydroxytryptamine, serotonin); 5-HT_1-like receptors; Iliac artery (guinea-pig); Smooth muscle (vascular) (Schoeffter, P. (219) 295)

5-HT receptor subtypes
Cold stress; 5-HT turnover; Behavioural responses; Glucose; Corticosterone (Zamfir, O. (219) 261)

5-HT turnover
Cold stress; 5-HT receptor subtypes; Behavioural responses; Glucose; Corticosterone (Zamfir, O. (219) 261)

6-Hydroxydopamine (6-OHDA)
[Met^5]enkephalin; [Leu^5]enkephalin; Neurotensin; Cholecystokinin (CCK); Substance P; L-DOPA; Parkinson's disease; (Prolonged treatment) (Taylor, M.D. (219) 183)

Hypertension
Angiotensin II; Caffeine; Adenosine; Renal function (Holycross, B.J. (219) 361)

Torasemide; Bumetanide; Cotransport; Red blood cells; Diuretics (loops) (Masereel, B. (219) 385)

Hyporesponsiveness
Blood vessels; Endothelium; Protein synthesis; Nitric oxide (NO); Lipopolysaccharide (Nakaki, T. (219) 311)

Hypotensive drugs
MCI-154; α-Adrenoceptors; K^+ contracture; Vasodilatation (Suh, S.H. (219) 377)

Hypothalamic perfusion
Interleukin-1; CRF (corticotropin-releasing factor) secretion; Catecholamines (Cambronero, J.C. (219) 75)

Hypothermia
JMV 449; Peptide bond (reduced); Pseudopeptide neurotensin analogue; Analgesia; (Potent and long-lasting agonist) (Dubuc, I. (219) 327)

5-HT_{1A} receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Sex differences; Tolerance; Corticosterone (Nakano, Y. (219) 339)

ICS 205-930
5-HT_3 receptors; NG108-15; MDL 73147EF; MDL 74156 (Boeijinga, P.H. (219) 9)

Idazoxan
Mitochondria; (Rabbit); (Human) (Tesson, F. (219) 335)

Iliac artery (guinea-pig)
5-HT (5-hydroxytryptamine, serotonin); 5-HT_1-like receptors; 5-HT_{1D} receptor subtype; Smooth muscle (vascular) (Schoeffter, P. (219) 295)

Imiloxan
α_2-Adrenoceptor subtypes; WB4101; Dexmedetomidine; Clonidine; ST-91 (Takano, Y. (219) 465)

Immunoreactive insulin plasma levels
α_1-Adrenoceptors; β-Adrenoceptors; Ca^{2+} channel blockers; (Rabbit) (García-Barrado, M.J. (219) 461)

Indomethacin
cGMP; *E. coli* enterotoxin (heat-stable); 5-HT (5-hydroxytryptamine, serotonin); Intestinal secretion; Ketanserin; Tropisetron (Beubler, E. (219) 445)

Interleukin-1
CRF (corticotropin-releasing factor) secretion; Hypothalamic perfusion; Catecholamines (Cambronero, J.C. (219) 75)

Intestinal relaxation
Endothelins; Sarafotoxins; Ca^{2+}-activated K^+ channels (Lin, W.-W. (219) 355)

Intestinal secretion
cGMP; *E. coli* enterotoxin (heat-stable); 5-HT (5-hydroxytryptamine, serotonin); Indomethacin; Ketanserin; Tropisetron (Beubler, E. (219) 445)

Ischaemic arrhythmias
Quinacainol; Antiarrhythmics; Electrophysiological actions (Howard, P.G. (219) 1)

JMV 449
Peptide bond (reduced); Pseudopeptide neurotensin analogue; Hypothermia; Analgesia; (Potent and long-lasting agonist) (Dubuc, I. (219) 327)

K^+ channel inhibitors
SDZ PCO 400; Trachealis (guinea-pig and bovine); K^+-rich media; $^{86}Rb^+$ efflux; (Electrophysiology) (Small, R.C. (219) 81)

K^+ channels
Cross-tolerance; Uterus; Cromakalim; RP 49356 (Piper, I. (219) 347)

K^+ contracture
MCI-154; Hypotensive drugs; α-Adrenoceptors; Vasodilatation (Suh, S.H. (219) 377)

Ketanserin
cGMP; *E. coli* enterotoxin (heat-stable); 5-HT (5-hydroxytryptamine, serotonin); Indomethacin; Intestinal secretion; Tropisetron (Beubler, E. (219) 445)

K^+-rich media
SDZ PCO 400; Trachealis (guinea-pig and bovine); K^+ channel inhibitors; $^{86}Rb^+$ efflux; (Electrophysiology) (Small, R.C. (219) 81)

L-158,809
Angiotensin IV; Angiotensin-(3–8); Angiotensin II; Adrenal cortex (bovine) (Jarvis, M.F. (219) 319)

LDL (low density lipoprotein) influx
13,14-Dihydroprostaglandin E_1; Aorta (rabbit); Atherosclerosis (experimental) (Sinzinger, H. (219) 129)

Leukotriene binding
SCH 37224; Sulfidopeptide leukotrienes; Lung parenchyma (human) (Viganò, T. (219) 159)

Lipopolysaccharide
Blood vessels; Hyporesponsiveness; Endothelium; Protein synthesis; Nitric oxide (NO) (Nakaki, T. (219) 311)

Locomotor activity
β-Adrenoceptor (atypical); Brain; Depression; Water intake (Simiand, J. (219) 193)

Locus coeruleus
Phencyclidine; BTCP (N-[1-(2-benzo(b)thiophenyl)cyclohexyl]piperidine; Single unit recording; Reserpine (Chergui, K. (219) 169)

Loop diuretics
M12285; Sulfate conjugation; Quinolinone oxime sulfonic acids (Shinkawa, T. (219) 217)

Losartan
DuP 753; Angiotensin II; Blood–brain barrier; Blood pressure; Thirst (Bui, J.D. (219) 147)

Lung parenchyma (human)
SCH 37224; Sulfidopeptide leukotrienes; Leukotriene binding (Viganò, T. (219) 159)

LY 83583
Gastric fundus (rat); Non-adrenergic non-cholinergic (NANC); Nitric oxide (NO) (Barbier, A.J.M. (219) 331)

M12285
Loop diuretics; Sulfate conjugation; Quinolinone oxime sulfonic acids (Shinkawa, T. (219) 217)

MCI-154
Hypotensive drugs; α-Adrenoceptors; K^+ contracture; Vasodilatation (Suh, S.H. (219) 377)

MDL 74156
5-HT_3 receptors; NG108-15; MDL 73147EF; ICS 205-930 (Boeijinga, P.H. (219) 9)

MDL 73147EF
5-HT_3 receptors; NG108-15; MDL 74156; ICS 205-930 (Boeijinga, P.H. (219) 9)

Medullary 5-HT neurons
5-HT_{1A} receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Renal nerve activity (Ramage, A.G. (219) 165)

Memantine
Quinolinic acid; Neurodegeneration; Hippocampus (Keilhoff, G. (219) 451)

Memory (working, reference)
Hippocampus; Chlordiazepoxide; Benzodiazepine; Muscimol; GABA (γ-aminobutyric acid) (Ohno, M. (219) 245)

Mesenteric resistance vessels
Oxodipine; Aorta; $^{45}Ca^{2+}$ influx; (Rabbit) (Tejerina, T. (219) 279)

Metabotropic glutamate receptor
ACPD (1S,3R-1-aminocyclopentane-1,3-dicarboxylic acid); Cerebellum; Purkinje cells; Granule cells; AP-3 ((L)-2-amino-3-phosphonopropionate) (East, S.J. (219) 395)

Metabotropic glutamate receptors
1S,3R-ACPD ((1S,3R)-1-aminocyclopentane-1,3-dicarboxylic acid); Excitotoxicity (Siliprandi, R. (219) 173)

Microdialysis
Striatum; Substantia nigra; Dopamine release; $GABA_A$ receptors; $GABA_B$ receptors (Santiago, M. (219) 175)

Mitochondria
Idazoxan; (Rabbit); (Human) (Tesson, F. (219) 335)

Monoamine oxidase
Noradrenaline release; α_2-Adrenoceptors; Antidepressant drugs; Vas deferens (rat) (Ari, G. (219) 89)

Monoamine oxidase-A inhibitors
Nociception; Tail-flick test; Hot-plate test; 5-HT (5-hydroxytryptamine, serotonin) (Bianchi, M. (219) 113)

Mossy fibers
Bifemelane; Glutamate release; Protein kinase C; H-7 (1-(5-isoquinolinesulfonyl)-2-methylpiperazine); (Guinea-pig) (Ueda, M. (219) 271)

Mucus secretion
N-Phthaloyl γ-aminobutyric acid; Aspirin ulcer; Ethanol ulcer; Gastric acid secretion (Banerji, S. (219) 211)

Muscimol
Hippocampus; Chlordiazepoxide; Benzodiazepine; GABA (γ-aminobutyric acid); Memory (working, reference) (Ohno, M. (219) 245)

Myocardial ischaemia
Arrhythmias, Coronary artery occlusion; Reperfusion; Platelet aggregation; 5-HT receptor antagonists (Ellis, A.M. (219) 97)

Na^+ channel (silent)
Aorta (rat); $^{45}Ca^{2+}$ uptake; [^{14}C]Guanidinium uptake; Veratridine (Wermelskirchen, D. (219) 253)

Naltrindole
Cocaine; Place preference (Menkens, K. (219) 345)

NAN-190
8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Feeding; 5-HT_{1A} receptors; (Rat) (Williams, A.R. (219) 105)

NANC (non-adrenergic, non-cholinergic) neurons
ω-Conotoxin GVIA; Neurotransmitter release; Cholinergic neurons; Airways; (Guinea-pig) (Boot, J.R. (219) 123)

Neurodegeneration
Memantine; Quinolinic acid; Hippocampus (Keilhoff, G. (219) 451)

Neurokinin A
Substance P; Senktide; Blood pressure; Heart rate; Behaviour; Tachykinin receptor antagonists (Itoi, K. (219) 435)

Neuromedin B
Bombesin; Binding; Urinary bladder (rat); Neuromedin B receptor (Bitar, K.G. (219) 117)

Neuromedin B receptor
Neuromedin B; Bombesin; Binding; Urinary bladder (rat) (Bitar, K.G. (219) 117)

Neuronal cell death
Ceruletide; Cholecystokinin (CCK); Cerebral ischemia; Amnesia; Hippocampus; (Gerbil) (Eigyo, M. (219) 487)

Neuropeptides
CGRP (calcitonin gene-related peptide); CGRP receptors; Autoradiography; Coronary arteries (Knock, G.A. (219) 415)

Neurotensin
[Met^5]enkephalin; [Leu^5]enkephalin; Cholecystokinin (CCK); Substance P; 6-Hydroxydopamine (6-OHDA); L-DOPA; Parkinson's disease; (Prolonged treatment) (Taylor, M.D. (219) 183)

Neurotransmitter release
ω-Conotoxin GVIA; Cholinergic neurons; NANC (non-adrenergic, non-cholinergic) neurons; Airways; (Guinea-pig) (Boot, J.R. (219) 123)

Neutrophil
Diethyldithiocarbamate-induced antral ulcer; Rebamipide (Ogino, K. (219) 493)

NG108-15
5-HT_3 receptors; MDL 73147EF; MDL 74156; ICS 205-930 (Boeijinga, P.H. (219) 9)

Nifedipine
Acidosis; Alkalosis; Ca^{2+} channels; Heart (rat) (Achike, F.I. (219) 369)

Endothelin-1; Cerebral arteries; Peripheral arteries; Vasoconstriction; Ca^{2+} influx; Ca^{2+} channels (voltage-dependent) (Suzuki, Y. (219) 401)

Nitric oxide (NO)
Blood vessels; Hyporesponsiveness; Endothelium; Protein synthesis; Lipopolysaccharide (Nakaki, T. (219) 311)

Gastric fundus (rat); Non-adrenergic non-cholinergic (NANC); LY 83583 (Barbier, A.J.M. (219) 331)

NMDA (N-methyl-D-aspartate)
Glutamates; Quisqualate; Cerebellar granule cells; Tricyclic antidepressants; Carbamazepine (Cai, Z. (219) 53)

Proline; Hippocampus; Excitatory amino acids (Martin, D. (219) 59)

Spinal cord; Carrageenan; Thermal hyperalgesia; Antinociception; Opioids; (Rat); (Intrathecal) (Ren, K. (219) 235)

Pentylenetetrazole; Pregnenolone sulfate; Seizure; (Mouse) (Maione, S. (219) 477)

NMDA receptors
Global ischaemia; 1-Aminocyclopropanecarboylic acid; Glycine receptors; (Gerbil) (Von Lubitz, D.K.J.E. (219) 153)

NNC-112
Dopamine D_1 receptors; NNC-687; NNC-756; Binding (in vivo) (Andersen, P.H. (219) 45)

NNC-687
Dopamine D_1 receptors; NNC-112; NNC-756; Binding (in vivo) (Andersen, P.H. (219) 45)

NNC-756
Dopamine D_1 receptors; NNC-112; NNC-687; Binding (in vivo) (Andersen, P.H. (219) 45)

Nociception
Monoamine oxidase-A inhibitors; Tail-flick test; Hot-plate test; 5-HT (5-hydroxytryptamine, serotonin) (Bianchi, M. (219) 113)

Spinal cord; Formalin; Bradykinin; Prostaglandins; (Rat) (Chapman, V. (219) 427)

Non-adrenergic non-cholinergic (NANC)
Gastric fundus (rat); Nitric oxide (NO); LY 83583 (Barbier, A.J.M. (219) 331)

Noradrenaline release
α_2-Adrenoceptors; Monoamine oxidase; Antidepressant drugs; Vas deferens (rat) (Ari, G. (219) 89)

Novelty-induced grooming behaviour
Spontaneously hypertensive rat (SHR); Wistar-Kyoto rat (WKY); SCH 23390; Quinpirole; Dopamine receptors (Linthorst, A.C.E. (219) 23)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin)
NAN-190; Feeding; 5-HT_{1A} receptors; (Rat) (Williams, A.R. (219) 105)

5-HT_{1A} receptors; Renal nerve activity; Medullary 5-HT neurons (Ramage, A.G. (219) 165)

5-HT_{1A} receptors; Sex differences; Tolerance; Corticosterone; Hypothermia (Nakano, Y. (219) 339)

Okadaic acid
cAMP; cGMP; Xanthine derivatives; Uterine smooth muscle (Candenas, M.-L. (219) 473)

Opioids
Spinal cord; Carrageenan; Thermal hyperalgesia; Antinociception; NMDA (N-methyl-D-aspartate); (Rat); (Intrathecal) (Ren, K. (219) 235)

Osthole
Vasorelaxation (rat aorta); Ca^{2+} influx; cGMP; (*Angelica pubescens*) (Ko, F.-N. (219) 29)

Oxodipine
Aorta; $^{45}Ca^{2+}$ influx; Mesenteric resistance vessels; (Rabbit) (Tejerina, T. (219) 279)

Parkinson's disease
[Met^5]enkephalin; [Leu^5]enkephalin; Neurotensin; Cholecystokinin (CCK); Substance P; 6-Hydroxydopamine (6-OHDA); L-DOPA; (Prolonged treatment) (Taylor, M.D. (219) 183)

Pentylenetetrazole
NMDA (N-methyl-D-aspartate); Pregnenolone sulfate; Seizure; (Mouse) (Maione, S. (219) 477)

Peptide bond (reduced)
JMV 449; Pseudopeptide neurotensin analogue; Hypothermia; Analgesia; (Potent and long-lasting agonist) (Dubuc, I. (219) 327)

Peripheral arteries
Endothelin-1; Cerebral arteries; Vasoconstriction; Ca^{2+} influx; Nifedipine; Ca^{2+} channels (voltage-dependent) (Suzuki, Y. (219) 401)

Phencyclidine
BTCP (N-[1-(2-benzo(b)thiophenyl)cyclohexyl]piperidine; Single unit recording; Locus coeruleus; Reserpine (Chergui, K. (219) 169)

N-Phthaloyl γ-aminobutyric acid
Aspirin ulcer; Ethanol ulcer; Gastric acid secretion; Mucus secretion (Banerji, S. (219) 211)

Place preference
Cocaine; Naltrindole (Menkens, K. (219) 345)

Platelet aggregation
Arrhythmias, Coronary artery occlusion; Myocardial ischaemia; Reperfusion; 5-HT receptor antagonists (Ellis, A.M. (219) 97)

Endothelin; 5-HT (5-hydroxytryptamine, serotonin); Ca^{2+} mobilization (Pietraszek, M.H. (219) 289)

Platelets (human)
α_{2A}-Adrenoceptors; α_{2D}-Adrenoceptors; α_2-Adrenoceptors (prejunctional); Submandibular gland (rat); Vas deferens (rat) (Smith, K. (219) 203)

Portal vein
Antihypertensives; A-80lb; Vasodilators; Ca^{2+}; Aorta (Frechilla, D. (219) 409)

Pregnenolone sulfate
NMDA (N-methyl-D-aspartate); Pentylenetetrazole; Seizure; (Mouse) (Maione, S. (219) 477)

Proliferation
Heparin derivatives; Smooth muscle cells; Differentiation; Actin (Bârzu, T. (219) 225)

Proline
Hippocampus; NMDA (N-methyl-D-aspartate); Excitatory amino acids (Martin, D. (219) 59)

Prostaglandins
Nociception; Spinal cord; Formalin; Bradykinin; (Rat) (Chapman, V. (219) 427)

Protein kinase C
Bifemelane; Mossy fibers; Glutamate release; H-7 (1-(5-isoquinolinesulfonyl)-2-methylpiperazine); (Guinea-pig) (Ueda, M. (219) 271)

Protein synthesis
Blood vessels; Hyporesponsiveness; Endothelium; Nitric oxide (NO); Lipopolysaccharide (Nakaki, T. (219) 311)

Pseudopeptide neurotensin analogue
JMV 449; Peptide bond (reduced); Hypothermia; Analgesia; (Potent and long-lasting agonist) (Dubuc, I. (219) 327)

Purkinje cells
Metabotropic glutamate receptor; ACPD (1S,3R-1-aminocyclopentane-1,3-dicarboxylic acid); Cerebellum; Granule cells; AP-3 ((L)-2-amino-3-phosphonopropionate) (East, S.J. (219) 395)

Quinacainol
Antiarrhythmics; Ischaemic arrhythmias; Electrophysiological actions (Howard, P.G. (219) 1)

Quinolinic acid
Memantine; Neurodegeneration; Hippocampus (Keilhoff, G. (219) 451)

Quinolinone oxime sulfonic acids
M12285; Loop diuretics; Sulfate conjugation (Shinkawa, T. (219) 217)

Quinpirole
Spontaneously hypertensive rat (SHR); Wistar-Kyoto rat (WKY); Novelty-induced grooming behaviour; SCH 23390; Dopamine receptors (Linthorst, A.C.E. (219) 23)

Quisqualate
Glutamates; NMDA (N-methyl-D-aspartate); Cerebellar granule cells; Tricyclic antidepressants; Carbamazepine (Cai, Z. (219) 53)

$^{86}Rb^+$ efflux
SDZ PCO 400; Trachealis (guinea-pig and bovine); K^+-rich media; K^+ channel inhibitors; (Electrophysiology) (Small, R.C. (219) 81)

Rebamipide
Diethyldithiocarbamate-induced antral ulcer; Neutrophil (Ogino, K. (219) 493)

Red blood cells
Torasemide; Bumetanide; Cotransport; Hypertension; Diuretics (loops) (Masereel, B. (219) 385)

Relaxation
Ca^{2+}; Smooth muscle; Uterus (Ishine, T. (219) 285)

Renal function
Angiotensin II; Caffeine; Adenosine; Hypertension (Holycross, B.J. (219) 361)

Renal nerve activity
5-HT_{1A} receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Medullary 5-HT neurons (Ramage, A.G. (219) 165)

Reperfusion
Arrhythmias, Coronary artery occlusion; Myocardial ischaemia; Platelet aggregation; 5-HT receptor antagonists (Ellis, A.M. (219) 97)

Reserpine
Phencyclidine; BTCP (N-[1-(2-benzo(b)thiophenyl)cyclohexyl]piperidine; Single unit recording; Locus coeruleus (Chergui, K. (219) 169)

RP 49356
Cross-tolerance; Uterus; Cromakalim; K^+ channels (Piper, I. (219) 347)

Sarafotoxins
Endothelins; Intestinal relaxation; Ca^{2+}-activated K^+ channels (Lin, W.-W. (219) 355)

SCH 23390
Spontaneously hypertensive rat (SHR); Wistar-Kyoto rat (WKY); Novelty-induced grooming behaviour; Quinpirole; Dopamine receptors (Linthorst, A.C.E. (219) 23)

SCH 37224
Sulfidopeptide leukotrienes; Lung parenchyma (human); Leukotriene binding (Viganò, T. (219) 159)

Scopolamine
Corticostriatal pathways; Dopamine; Ascorbate; L-Glutamate; Apomorphine; (Rat) (Desole, M.S. (219) 67)

SDZ PCO 400
Trachealis (guinea-pig and bovine); K^+-rich media; K^+ channel inhibitors; $^{86}Rb^+$ efflux; (Electrophysiology) (Small, R.C. (219) 81)

Seizure
NMDA (N-methyl-D-aspartate); Pentylenetetrazole; Pregnenolone sulfate; (Mouse) (Maione, S. (219) 477)

Senktide
Substance P; Neurokinin A; Blood pressure; Heart rate; Behaviour; Tachykinin receptor antagonists (Itoi, K. (219) 435)

Sex differences
5-HT_{1A} receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Tolerance; Corticosterone; Hypothermia (Nakano, Y. (219) 339)

Single unit recording
Phencyclidine; BTCP (N-[1-(2-benzo(b)thiophenyl)cyclohexyl]piperidine; Locus coeruleus; Reserpine (Chergui, K. (219) 169)

Sinoatrial pacemaker activity
Atrial effective refractory period; Atrioventricular conduction time; β-Adrenoceptors; Ventricular effective refractory period (Takei, M. (219) 15)

Smooth muscle
Ca^{2+}; Relaxation; Uterus (Ishine, T. (219) 285)

Hand (human); 5-HT (5-hydroxytryptamine, serotonin); 5-HT receptors; Vein (Bodelsson, M. (219) 455)

Smooth muscle cells
Heparin derivatives; Proliferation; Differentiation; Actin (Bârzu, T. (219) 225)

Smooth muscle (vascular)
5-HT (5-hydroxytryptamine, serotonin); 5-HT_1-like receptors; 5-HT_{1D} receptor subtype; Iliac artery (guinea-pig) (Schoeffter, P. (219) 295)

Spinal cord
Carrageenan; Thermal hyperalgesia; Antinociception; NMDA (N-methyl-D-aspartate); Opioids; (Rat); (Intrathecal) (Ren, K. (219) 235)

Nociception; Formalin; Bradykinin; Prostaglandins; (Rat) (Chapman, V. (219) 427)

Spontaneously hypertensive rat (SHR)
Wistar-Kyoto rat (WKY); Novelty-induced grooming behaviour; SCH 23390; Quinpirole; Dopamine receptors (Linthorst, A.C.E. (219) 23)

1S,3R-ACPD ((1S,3R)-1-aminocyclopentane-1,3-dicarboxylic acid)
Metabotropic glutamate receptors; Excitotoxicity (Siliprandi, R. (219) 173)

ST-91
α_2-Adrenoceptor subtypes; WB4101; Imiloxan; Dexmedetomidine; Clonidine (Takano, Y. (219) 465)

Steroidogenesis
cAMP; Brain cortical minces (Barbaccia, M.L. (219) 485)

Striatum
Substantia nigra; Dopamine release; Microdialysis; $GABA_A$ receptors; $GABA_B$ receptors (Santiago, M. (219) 175)

Acetylcholine; Supersensitivity; Dopamine D_1 receptors; Dopamine D_2 receptors (Robertson, G.S. (219) 323)

Submandibular gland (rat)
α_{2A}-Adrenoceptors; α_{2D}-Adrenoceptors; α_2-Adrenoceptors (prejunctional); Vas deferens (rat); Platelets (human) (Smith, K. (219) 203)

Substance P
[Met^5]enkephalin; [Leu^5]enkephalin; Neurotensin; Cholecystokinin (CCK); 6-Hydroxydopamine (6-OHDA); L-DOPA; Parkinson's disease; (Prolonged treatment) (Taylor, M.D. (219) 183)

Neurokinin A; Senktide; Blood pressure; Heart rate; Behaviour; Tachykinin receptor antagonists (Itoi, K. (219) 435)

CP-96,345; Ca^{2+} channels (Schmidt, A.W. (219) 490)

Substantia nigra
Striatum; Dopamine release; Microdialysis; $GABA_A$ receptors; $GABA_B$ receptors (Santiago, M. (219) 175)

Sulfate conjugation
M12285; Loop diuretics; Quinolinone oxime sulfonic acids (Shinkawa, T. (219) 217)

Sulfidopeptide leukotrienes
SCH 37224; Lung parenchyma (human); Leukotriene binding (Viganò, T. (219) 159)

Supersensitivity
Acetylcholine; Striatum; Dopamine D_1 receptors; Dopamine D_2 receptors (Robertson, G.S. (219) 323)

Sympathetic nervous system
Circulatory filling pressure (mean); Angiotensin II (Tabrizchi, R. (219) 141)

Tachykinin receptor antagonists
Substance P; Neurokinin A; Senktide; Blood pressure; Heart rate; Behaviour (Itoi, K. (219) 435)

Tail-flick test
Monoamine oxidase-A inhibitors; Nociception; Hot-plate test; 5-HT (5-hydroxytryptamine, serotonin) (Bianchi, M. (219) 113)

Thermal hyperalgesia
Spinal cord; Carrageenan; Antinociception; NMDA (N-methyl-D-aspartate); Opioids; (Rat); (Intrathecal) (Ren, K. (219) 235)

Thirst
Losartan; DuP 753; Angiotensin II; Blood–brain barrier; Blood pressure (Bui, J.D. (219) 147)

Tolerance
5-HT_{1A} receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Sex differences; Corticosterone; Hypothermia (Nakano, Y. (219) 339)

Torasemide
Bumetanide; Cotransport; Red blood cells; Hypertension; Diuretics (loops) (Masereel, B. (219) 385)

Trachealis (guinea-pig and bovine)
SDZ PCO 400; K^+-rich media; K^+ channel inhibitors; $^{86}Rb^+$ efflux; (Electrophysiology) (Small, R.C. (219) 81)

Tricyclic antidepressants
Glutamates; NMDA (N-methyl-D-aspartate); Quisqualate; Cerebellar granule cells; Carbamazepine (Cai, Z. (219) 53)

Tropisetron
cGMP; *E. coli* enterotoxin (heat-stable); 5-HT (5-hydroxytryptamine, serotonin); Indomethacin; Intestinal secretion; Ketanserin (Beubler, E. (219) 445)

Tubocurarine
5-HT receptors; 5-HT_3 receptors; Vagus (Newberry, N.R. (219) 135)

Urinary bladder (rat)
Neuromedin B; Bombesin; Binding; Neuromedin B receptor (Bitar, K.G. (219) 117)

Uterine smooth muscle
Okadaic acid; cAMP; cGMP; Xanthine derivatives (Candenas, M.-L. (219) 473)

Uterus
Ca^{2+}; Smooth muscle; Relaxation (Ishine, T. (219) 285)

Bisbenzyltetrahydroisoquinolines; Ca^{2+} channel antagonists; (Rat) (Ivorra, M.D. (219) 303)

Cross-tolerance; Cromakalim; RP 49356; K^+ channels (Piper, I. (219) 347)

Vagus
5-HT receptors; 5-HT_3 receptors; Tubocurarine (Newberry, N.R. (219) 135)

Vascular permeability
Endothelin-1; Coronary circulation (Filep, J.G. (219) 343)

Vas deferens (rat)
Noradrenaline release; α_2-Adrenoceptors; Monoamine oxidase; Antidepressant drugs (Ari, G. (219) 89)

α_{2A}-Adrenoceptors; α_{2D}-Adrenoceptors; α_2-Adrenoceptors (prejunctional); Submandibular gland (rat); Platelets (human) (Smith, K. (219) 203)

Vasoconstriction
Endothelin-1; Cerebral arteries; Peripheral arteries; Ca^{2+} influx; Nifedipine; Ca^{2+} channels (voltage-dependent) (Suzuki, Y. (219) 401)

Vasodilatation
MCI-154; Hypotensive drugs; α-Adrenoceptors; K^+ contracture (Suh, S.H. (219) 377)

Vasodilators
Antihypertensives; A-80b; Ca^{2+}; Aorta; Portal vein (Frechilla, D. (219) 409)

Vasorelaxation (rat aorta)
Osthole; Ca^{2+} influx; cGMP; (*Angelica pubescens*) (Ko, F.-N. (219) 29)

Vein
Hand (human); 5-HT (5-hydroxytryptamine, serotonin); 5-HT receptors; Smooth muscle (Bodelsson, M. (219) 455)

Ventricular effective refractory period
Atrial effective refractory period; Atrioventricular conduction time; β-Adrenoceptors; Sinoatrial pacemaker activity (Takei, M. (219) 15)

Veratridine
Aorta (rat); Na^+ channel (silent); $^{45}Ca^{2+}$ uptake; [^{14}C]Guanidinium uptake (Wermelskirchen, D. (219) 253)

Water intake
β-Adrenoceptor (atypical); Brain; Depression; Locomotor activity (Simiand, J. (219) 193)

WB4101
α_2-Adrenoceptor subtypes; Imiloxan; Dexmedetomidine; Clonidine; ST-91 (Takano, Y. (219) 465)

Wistar-Kyoto rat (WKY)
Spontaneously hypertensive rat (SHR); Novelty-induced grooming behaviour; SCH 23390; Quinpirole; Dopamine receptors (Linthorst, A.C.E. (219) 23)

Xanthine derivatives
Okadaic acid; cAMP; cGMP; Uterine smooth muscle (Candenas, M.-L. (219) 473)